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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/702,425	11/07/2003	Manabu Sakakibara	03500.017812.	9398

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EXAMINER

PRABHAKHER, PRITHAM DAVID

ART UNIT	PAPER NUMBER
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2622

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06/13/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/702,425	Applicant(s) SAKAKIBARA, MANABU	
	Examiner Pritham Prabhakher	Art Unit 2622	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 07 November 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1 and 3-6 is/are rejected.
- 7) ☒ Claim(s) 2 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 07 November 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Specification

The disclosure is objected to because of the following informalities:

On page 10 in Line 23, the number 405 should be changed to 505 to comply with the drawings.

Appropriate correction is required.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1 and 3-6 are rejected under 35 U.S.C. 102(e) as being anticipated by

Kubo et al. (US Pub No.: 2001/0050713A1)

*In regard to **Claim 1**, Kubo et al. teach of a processing apparatus comprising:*

*a drive pulse generator circuit (Pulse generator 906) for generating a drive pulse to be supplied to an image pickup element (Pulse generator circuit 906 generates a vertical drive pulse (in 102) to be supplied to the image pickup element 800, **Figures 9 and Paragraphs 0022, 0025, 0062 and 0063**); and*

*a wave form data supply circuit for supplying wave form setting data for generating the drive pulse to said drive pulse generator circuit at each horizontal line (Register 904, Memory 902 and Serial Interface Circuit 900 make up the wave form data supply circuit that supplies setting data for generating drive pulses to the pulse generator circuit (906) at each horizontal line, **Paragraphs 0063-0064**),*

*wherein the wave form setting data includes a wave form setting data to be set at each horizontal line and wave form setting data sharing a setting area (Different pattern data corresponding to different timing pulses for different modes are set in the horizontal register in the timing pulse generating circuit (shared area), **Paragraphs 0063-0064**).*

*Regarding **Claim 3**, Kubo et al. teach of the processing apparatus according to claim 1, wherein the wave form setting data is sent from said wave form data supply circuit to said drive pulse generator circuit during a horizontal blanking period of the image pickup element (Wave form setting data (pattern data to generate various timing pulses such as during a moving picture signal) is sent during a horizontal blanking period, **Paragraphs 0064 and 0066**).*

*In regard to **Claim 4**, Kubo et al. teach of the processing apparatus according to claim 1, wherein said wave form data supply circuit includes a memory which stores wave form setting data (Memory 902 in **Figure 9**).*

*With regard to **Claim 5**, Kubo et al. teach of the processing apparatus according to claim 1, wherein said wave form data supply circuit switches among a plurality of modes including a moving image mode, a still image mode and a monitor mode (The*

data supply circuit switches among a plurality of modes upon commands received from the controller 820. The modes include movie, still and reproduction (display) modes, Paragraph 0024 and 0062-0064).

Regarding Claim 6, Kubo et al. teach of the processing apparatus according to claim 1, wherein said wave form data supply circuit is integrated in a signal processing circuit (802) for processing image data supplied from the image pickup element (800) (See Figure 8) .

Allowable Subject Matter

Claim 2 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Pritham Prabhakher whose telephone number is 571-270-1128. The examiner can normally be reached on M-F (7:30-5:00) Alt Friday's Off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Ometz can be reached on (571)272-7593. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2622

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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DAVID OMETZ
SUPERVISORY PATENT EXAMINER